

| Ref # | Hits | Search Query   | DBs                                | Default Operator | Plurals | Time Stamp       |
|-------|------|--|------------------------------------|------------------|---------|------------------|
| L1    | 14   | (US-20020080457-\$ or US-20020136504-\$ or US-20030219218-\$ or US-20040136660-\$ or US-20040264980-\$).did. or (US-5179461-\$ or US-5265114-\$ or US-5347389-\$ or US-5814871-\$ or US-5841565-\$ or US-5907422-\$ or US-6632029-\$ or US-6824313-\$ or US-6900512-\$).did. | US-PGPUB; USPAT                    | OR               | ON      | 2006/02/17 14:42 |
| L2    | 25   | (385/88,89,92.ccls. or 398/202, 212,214.ccls.) and (imped\$8 near5 amplif\$8) and ("PD" or photodiode or (photo near3 diode)) and waveguide  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/02/17 14:43 |
| L3    | 48   | (385/88,89,92.ccls. or 398/202, 212,214.ccls.) and ("RF" or (radio near3 frequenc\$7)) and (match\$6 near4 impedanc\$6)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/02/17 14:43 |
| L4    | 1651 | waveguide near9 (match\$6 near4 impedanc\$6)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/02/17 14:43 |
| L5    | 6    | L4 and ("TIA" or (trans\$5 near4 impedanc\$5 near4 amplif\$9)) and (photodiode or "PD" or diode)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/02/17 14:43 |
| L6    | 60   | (361/728,730.ccls. or 257/433, 690,728.ccls.) and ("PD" or photodiode or (photo near3 diode) or diode) and (impedanc\$6 near4 match\$6)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/02/17 14:43 |
| L7    | 10   | L6 and (impedanc\$8 near9 amplif\$9)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/02/17 14:43 |
| L8    | 670  | ("385"/\$.ccls. or "398"/\$.ccls. or "361"/\$.ccls. or "257"/\$.ccls.) and (impedanc\$5 near4 match\$6) and (photoreceiv\$5 or photodiode or "PD" or diode) and ((radio\$5 near4 frequenc\$5) or "RF")   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/02/17 14:43 |
| L9    | 110  | L8 and ((impedanc\$5 near3 amplifier) or "TIA")  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2006/02/17 15:34 |

|     |     |   |                                    |    |     |                  |
|-----|-----|---|------------------------------------|----|-----|------------------|
| L10 | 224 | (impedanc\$5 near5 amplifier) and ("RF" or (radio near4 frequenc\$5)) and ("PD" or photodiode or (photo near3 diode) or diode) and (waveguide or stripline) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/02/17 14:43 |
| L11 | 9   | L10 and (385/88-94.ccls. or 398/202,212,214.ccls. or 257/433, 690,728.ccls. or 361/728,730.ccls. )  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/02/17 14:43 |
| L12 | 18  | (385/92.ccls. or 398/212,214.ccls. or 257/728.ccls.) and (impedanc\$6 near5 match\$6).clm.  | US-PGPUB                           | OR | ON  | 2006/02/17 15:47 |
| L13 | 0   | 12 and (amplif\$9 and ("RF" or (radio\$5 near6 frequenc\$5))).clm.  | US-PGPUB                           | OR | ON  | 2006/02/17 15:47 |
| L14 | 4   | 12 and (amplif\$9 and ("RF" or (radio\$5 near6 frequenc\$5))).clm.  | US-PGPUB                           | OR | ON  | 2006/02/17 15:47 |
| L15 | 1   | 14 and waveguide  | US-PGPUB                           | OR | ON  | 2006/02/17 15:47 |